

Product datasheet for **AM32992PU-N**

RBFOX1 (N-term) Mouse Monoclonal Antibody [Clone ID: 1G10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1G10
Applications:	IF, WB
Recommended Dilution:	Western Blot: 1/5000. Immunofluorescence: 1/50-1/100.
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein taken from the N-terminus of human FOX1 expressed in and purified from E. Coli.
Specificity:	Specific for the ~46/48k FOX1 protein doublet.
Formulation:	PBS State: Aff - Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant. Preservative: 10mM Sodium Azide
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	RNA binding protein, fox-1 homolog 1
Database Link:	Entrez Gene 54715 Human Q9NWB1



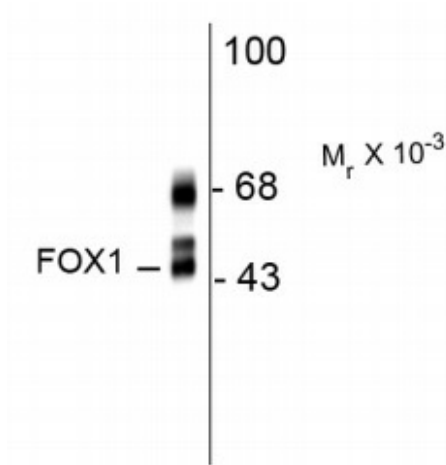
[View online »](#)

Background:

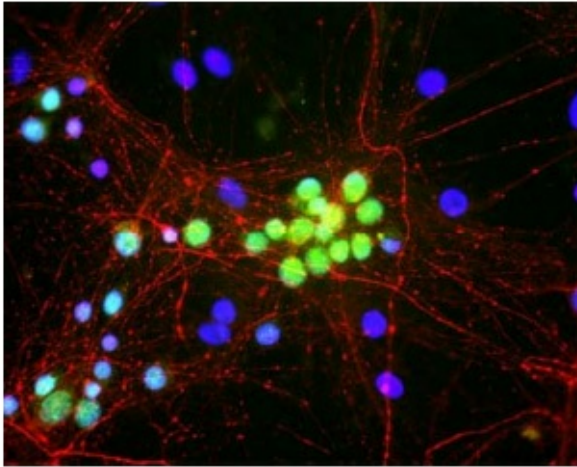
FOX1, also known as ataxin-2 binding protein 1 (A2BP1), is a neuron specific RNA-binding protein that has been shown to regulate a wide range of alternative splicing events implicated in neuronal development and maturation including transcription factors and synaptic proteins (Fogel et al., 2012). Defects in FOX1 have also been associated with autism (Martin et al., 2007), attention-deficit hyperactivity disorder (Elia et al., 2010) and schizophrenia (Xu et al., 2008).

Synonyms:

HRNBP1, Ataxin-2-binding protein 1

Product images:

Western blot of rat cortex lysate showing specific immunolabeling of the ~46/48k FOX1 protein.



Immunofluorescence of cultured rat neurons showing nuclear and distal cytoplasmic staining of FOX1 in green.